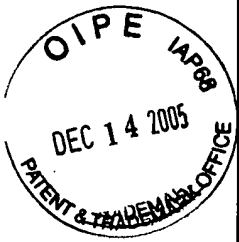


PCT #15



AMENDMENT TRANSMITTAL LETTER

Docket No.
2936-0241PUS1Application No.
10/535,247-Conf. #5978Filing Date
May 18, 2005Examiner
Not Yet AssignedArt Unit
1744

Applicant(s): Hirokazu OOE et al.

Invention: ION ELUTING UNIT AND DEVICE PROVIDED WITH SAME

MS Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	16	- 20 =		x	
Independent Claims	3	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

☒ Large Entity☐ Small Entity☒ No additional fee is required for this amendment.

☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
 A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-2448
 as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Charles Gorenstein
 Attorney Reg. No.: 29,271

Dated: December 14, 2005

BIRCH, STEWART, KOLASCH & BIRCH, LLP
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 Suite 100 East
 P.O. Box 747
 Falls Church, Virginia 22040-0747
 (703) 205-8000



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

MH

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/535,247	Hirokazu Ooe	2936-0241PUS1

INTERNATIONAL APPLICATION NO.

PCT/JP03/14549

I.A. FILING DATE	PRIORITY DATE
11/14/2003	11/19/2002

2292
 BIRCH STEWART KOLASCH & BIRCH
 PO BOX 747
 FALLS CHURCH, VA 22040-0747

DOCKETED
 Perfect
 12/14/2005

CONFIRMATION NO. 5978
 371 FORMALITIES LETTER



OC000000017244805

Date Mailed: 10/14/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/18/2005
- English Translation of the IA filed on 05/18/2005
- Copy of Annexes to the IPER filed on 05/18/2005
- Preliminary Amendments filed on 05/18/2005
- Information Disclosure Statements filed on 05/18/2005
- U.S. Basic National Fees filed on 05/18/2005
- Priority Documents filed on 05/18/2005
- Power of Attorney filed on 05/18/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/535,247	PCT/JP03/14549	2936-0241PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)

Docket No.: 2936-0241PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hirokazu OOE et al.

Application No.: 10/535,247

Confirmation No.: 5978

Filed: May 18, 2005

Art Unit: 1744

For: ION ELUTING UNIT AND DEVICE
PROVIDED WITH SAME

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated October 4, 2005,
Applicant respectfully submits:

- ☒ Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- ☒ Attached is the Executed Declaration and Power of Attorney ☒ Original ☐ Photocopy.
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on May 18, 2005, including any amendments thereto (if applicable) filed on even date therewith.
- ☒ The undersigned hereby declares that "Attorney Docket No. 2936-0241PUS1" on page 1 of the attached Inventors' Declaration corresponds to Appl. No. 10/535,247 filed May 18, 2005 entitled "ION ELUTING UNIT AND DEVICE PROVIDED WITH SAME."

- ☐ Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.
 - ☐ See the attached Translator's Verification; or
 - ☐ The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.
- ☐ Attached are 0 sheet(s) of drawings. Please substitute these replacement drawings for the corresponding 0 sheet(s) of drawings on file in the above-identified application.
- ☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).
- ☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).
- ☐ Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.
- ☐ Attached is a preliminary amendment.
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☐ Attached is a Supplemental Application Data Sheet (ADS).
- ☒ Submitted concurrently herewith under separate cover for recording is an Assignment.
- ☐ Attached is a Petition for Extension of Time.
- ☒ The Government Filing Surcharge for late filing of oath and/or declaration in the amount of \$130.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on May 18, 2005.

Application No.: 10/535,247

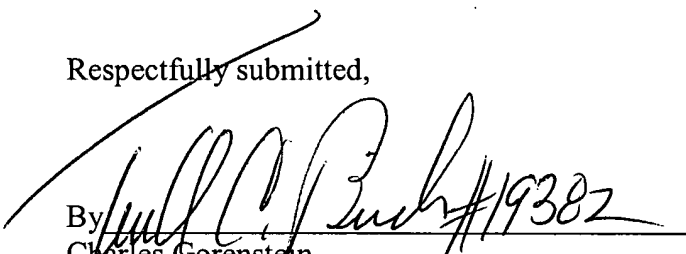
Docket No.: 2936-0241PUS1

☐ Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: December 14, 2005

Respectfully submitted,


By Charles Gorenstein
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Attachment(s)